

## **ABSTRACT**

An adjustable cushioning device includes a seat to be supported in an impact testing machine and having an outer thread, a pad disposed on the seat, and a housing having a chamber to  
5 slidably receive the pad and having an inner thread to thread with the outer thread of the seat, and to adjust the housing up and down relative to the seat when the housing is rotated relative to the seat. The housing is adjustable up and down relative to the seat to adjust a height of an exposing portion of the pad that is exposable  
10 upwardly beyond the housing, to sustain different forces that may be applied onto the pad of the cushioning device.